

| REPORT OF CHANNEL CONDITIONS<br>100 TO 400 FEET WIDE<br>(ER 1130-2-316) |                      |                    |                   |   | Page 1 of 1                          |                          |                                       |
|---|----------------------|--------------------|-------------------|---|--------------------------------------|--------------------------|---------------------------------------|
|   |                      |                    |                   |   | June-2004                            |                          |                                       |
| TO:<br>Executive Director<br>Florida Inland Navigation District, FL     |                      |                    |                   | FROM<br>USACE, District Engineer<br>Attn: CESAJ-CO-OM Jacksonville, Florida |                                      |                          |                                       |
| RIVER/HARBOR NAME AND STATE<br>Intracoastal Waterway, Dade County, FL   |                      |                    |                   | MINIMUM DEPTHS IN EACH 1/4 WIDTH OF<br>CHANNEL ENTERING FROM SEAWARD        |                                      |                          |                                       |
| NAME OF CHANNEL   | Date<br>of<br>Survey | AUTHORIZED PROJECT |                   |   | Left<br>Outside<br>Quarter<br>(feet) | Middle<br>Half<br>(feet) | Right<br>Outside<br>Quarter<br>(feet) |
|   |                      | Width<br>(feet)    | Length<br>(miles) | Depth<br>(feet)   |                                      |                          |                                       |

|   |          |         |      |    |         |         |         |
|---|----------|---------|------|----|---------|---------|---------|
| IWW, Dade County:<br>Cut DA-9: From Red Daybeacon-4A<br>to Green Daybeacon-11                 | May-2004 | 125     | 1.1  | 10 | 1.7 (1) | 3.8 (1) | 9.1 (1) |
| From Green Daybeacon-11 to the<br>Broad Causeway Bridge                                       | May-2004 | 125     | 0.7  | 10 | 11.4    | 11.3    | 11.3    |
| From the Broad Causeway Bridge to<br>Green Light-23   | May-2004 | 125     | 2.8  | 10 | 9.5 (2) | 10.5    | 9.5 (2) |
| Bakers Haulover Inlet:<br>From the seaward beginning of Cut-<br>1 to the Highway A-1-A bridge | May-2004 | 100-200 | 0.3  | 11 | 14.9    | 13.6    | 11.9    |
| Cut-1 (portion), 2 and 3: From<br>Highway A-1-A bridge to Red<br>Daybeacon-4A                 | May-2004 | 100-300 | 0.7  | 8  | 10.8    | 10.4    | 11.3    |
| Cut-4: east/west cut between Cut-3<br>and IWW Cut DA-9  | May-2004 | 100-450 | 0.1  | 8  | 8.9     | 9.1     | 9.8     |
| Marina Basin: adjacent to Cut-3   | May-2004 | 200     | 0.25 | 8  | 10.9    | 10.8    | 10.6    |

Remarks:

(1) Minor spot shoaling located along western edge of channel approximately 400 feet south of Red Daybeacon-6A and again at 1,000 feet south of Red Daybeacon-8. Shoaling also located along the eastern half of channel from 500 feet north to 500 feet south of Green Can Buoy-7. Shoals extend approximately 70 feet into channel in the vicinity of Green Can Buoy-7. Shoaling also along the eastern edge of channel in vicinity of Green Light-9.

(2) Shoaling along eastern edge of channel at most southern end of Cut DA-9, located in the vicinity of Green Light-23 and extending approximately 1,100 feet north.